# SHARP SERVICE MANUAL

No. 00ZFO5700USME



## **FACSIMILE**

**MODEL FO-5700** 

In this Service Manual for FO-5700U which is provided with 2nd. cassette (FO-47UC) and memory PWB (FO-1MK), only the information which differs from that for FO-4700U/FO-47UC already issed is contained. For the information not contained, refer to the Service Manual for FO-4700U/FO-47UC (00ZFO4700USME) and FO-1MK (00ZFO1MKCUSME).

#### Difference between FO-4700U and FO-5700U

	FO-4700U	FO-5700U
2nd. cassette	OPTION (FO-47UC)	STANDARD EQUIPMENT
Memory PWB	OPTION (FO-1MK)	STANDARD EQUIPMENT
Control PWB unit	DCEKC082MXHZZ	DCEKC489MXHZZ

## CAUTION

This laser facsimile is a class 1 laser product that complies with 21CFR 1040.10 and 1040.11 of the CDRH or IEC60825-1 standard. This means that this machine does not produce a hazardous laser radiation. The use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This laser radiation is not a danger to the skin, but when an exact focusing of the laser beam is achieved on the eyes retina, there is danger of spot damage to the retina.

The following cautions must be observed to avoid exposure of the laser beam to your eyes at the time of servicing.

- 1) When a problem in the laser optical unit has occurred, the whole optical unit must be exchanged as a unit, not an individual part.
- 2) Do not look into the machine with the main switch turned on after removing the toner/developer unit and drum cartridge.
- 3) Do not look into the laser beam exposure slit of the laser optical unit with the connector connected when removing and installing the optical system.
- 4) The cover of Laser Printer Unit contains the safety interlock switch.

Do not defeat the safety interlock by inserting wedges or other items into the switch slot.

Laser Wave Length : 770-810 mm Laser Pulse Times : 49.2 µs Laser Output Power : 0.37 mW

Parts marked with "\(\triangle \)" is important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

#### **CAUTION FOR BATTERY REPLACEMENT**

(Danish) ADVARSEL!

Lithiumbatteri-Eksplosionsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type.

Levér det brugte batteri tilbage til leverandoren.

(English) Caution!

Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type recommended by the equipment manufacturer.

Discard used batteries according to manufacturer's instructions.

(Finnish) VAROITUS

Paristo voi räjähtää, jos se on virheellisesti asennettu. Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden

mukaisesti.

(French) ATTENTION

Il y a danger d'explosion s' il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du même type ou d'un type recommandé par le constructeur. Mettre au rébut les batteries usagées conformément aux instructions du fabricant.

(Swedish) VARNING

Explosionsfare vid felaktigt batteribyte.

Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren.

Kassera använt batteri enligt fabrikantens

instruktion.

(German) Achtung

Explosionsgefahr bei Verwendung inkorrekter Batterien.
Als Ersatzbatterien dürfen nur Batterien vom gleichen Typ oder vom Hersteller empfohlene Batterien verwendet werden.
Entsorgung der gebrauchten Batterien nur nach den vom Hersteller angegebenen Anweisungen.

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### CHAPTER 1. GENERAL DESCRIPTION

## [1] Specifications

GENERAL

Automatic dialing Rapid Key Dialing: 48 numbers

Speed Dialing: 100 numbers

Memory size\* 2 MB (approx. 116 pages with ECM off)

Modem speed 33,600 bps (max.)

Automatic fallback to lower speeds.

Transmission time\* Approx. 2 seconds

Toner cartridge yield (4% page coverage)

Initial starter cartridge (included with

fax machine): 3000 pages (avg.)

(letter paper)

Replacement cartridge (FO-47ND):

6000 pages (avg.) (letter paper)

fax machine): 20,000 pages (avg.)
Replacement cartridge (FO-47DR):

20,000 pages (avg.)

**Resolution** Horizontal: 203 pels/inch (8 pels/mm)

Vertical:

Standard: 98 lines/inch (3.85 lines/mm)

Fine /Halftone:

196 lines/inch (7.7 lines/mm)

Super fine:

391 lines/inch (15.4 lines mm)

**Automatic document** 

feeder

50 pages max. (20 lb letter paper)

**Paper capacity** 750 sheets (tray and cassette)

Compression scheme MMR, MR, MH, Sharp (H2)

(Also supports JBIG)

Halftone (grayscale) 64 levels

Applicable telephone line Public switched telephone network

Compatibility ITU-T (CCITT) G3 mode

Printing resolution Horizontal: 406 lines/inch

(16 lines/mm)
Vertical: 391 lines/inch
(15.4 lines/mm)
PC Printing: 600 dpi

Input document size Automatic feeding:

Width: 5.8 to 10.1" (148 to 256 mm) Length: 5.0 to 14.3" (128 to 364 mm)

Manual feeding:

Width: 5.8 to 11.0" (148 to 279 mm) Length: 5.0 to 17.0" (128 to 432 mm) Effective Scanning width 8.3" (210 mm) max.

Effective Printing width 8.0" (203 mm) max.

Reception modes Auto/Manual

Instascan speed 30 ppm (letter paper)

Full Dual Access Yes

**Copy function** Single/Multi/Sort (99 copies/page)

Power requirements 120 V AC, 60 Hz

Operating temperature 50 - 86°F (10 - 30°C)

**Humidity** 20 to 85% RH

Power consumption Standby: 12 W Maximum: 580 W

**Dimensions** Width: 18.1" (460 mm)

Depth: 15.2" (385 mm) Height: 15.4" (390 mm)

Weight Approx. 41.0 lbs.(18.6kg)

Based on ITU-T (CCITT) Test Chart #1 at standard resolution in Sharp special mode, excluding time for protocol signals (i.e., ITU-T phase C time only).

Option

Toner cartridge : FO-47ND

Drum cartridge : FO-47DR

PC interface : FO-47IF

Option memory : FO-3MK

Verification stamp : FO-45VS

Note: This facsimile machine is Year 2000 compliant.

#### <IMPORTANT PLEASE READ FIRST>

To avoid problems with supplies, please don't use supplies from other units. Please use new supplies, when supply changes are required.